

**AMENDMENTS TO THE SEQUENCE LISTING**

**IN THE SEQUENCE LISTING**

Please replace the Sequence Listing of record with the Substitute Sequence Listing enclosed herewith.

# SEQUENCE LISTING

<110> SODE, Koji  
IKEBURKURO, Kazunori

<120> METHOD FOR DETECTING TARGET MOLECULE USING APTAMER

<130> 3691-0132PUS1

<140> US 10/580,044  
<141> 2006-05-19

<150> PCT/JP2004/017665  
<151> 2004-11-22

<150> JP 2003-431323  
<151> 2003-11-22

<160> 11

<170> PatentIn version 3.1

<210> 1  
<211> 31  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> experimental model for verifying assay system: Synthetic Thrombin aptamer

<400> 1  
cactggtagg ttggtgtggt tggggccagt g 31

<210> 2  
<211> 58  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> experimental model for verifying assay system: Synthetic Thrombin-invA aptamer

<400> 2  
cactggtagg ttggtgtggt tggggccagt gggcatcaat actcatctgt ttaccggg 58

<210> 3  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> experimental model for verifying assay system: Synthetic target DNA derived from Salmonella invA gene

<400> 3  
cccggtaaag agatgagtat tgatgcc 27

<210> 4

<211> 27  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> experimental model for verifying assay system: Synthetic control DNA used in detection of Salmonella invA gene  
  
 <400> 4  
 gaatccgcta ctggctaaga caactgt 27  
  
 <210> 5  
 <211> 58  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> experimental model for verifying assay system: Synthetic Thrombin-SARS aptamer  
  
 <400> 5  
 cactggtagg ttggtgtggt tggacgacga attcatgatc acgtccttgg ggccagtg 58  
  
 <210> 6  
 <211> 15  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> experimental model for verifying assay system: Synthetic target DNA derived from SARS virus gene  
  
 <400> 6  
 tgatcatgaa ttcgt 15  
  
 <210> 7  
 <211> 15  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> experimental model for verifying assay system: Synthetic control DNA used in the detection of SARS virus gene  
  
 <400> 7  
 attgctatcg tacat 15  
  
 <210> 8  
 <211> 56  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> experimental model for verifying assay system: Synthetic Thrombin-ATP aptamer  
  
 <400> 8

cactggtagg ttggtgtggt tctgggggag tattgcggag gaagttgggg ccagtg 56

<210> 9

<211> 67

<212> DNA

<213> Artificial Sequence

<220>

<223> experimental model for verifying assay system: Synthetic  
Thrombin-invA- 3'5' aptamer

<400> 9

actcatctgt ttaccgggca ctggtagggt ggtgtggttg gggccagtgc ttcaaatacg 60  
catcaat 67

<210> 10

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> experimental model for verifying assay system: Synthetic  
target nucleotide sequence InvADNA

<400> 10

cccggtaaac agatgagtat tgatgccgat ttgaag 36

<210> 11

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> experimental model for verifying assay system: Synthetic  
control DNA used to detect thrombin activity

<400> 11

attgtacttg gactgtgcat tagcatgtta cagtca 36